

TRANSFER SEAL FOR A REMOVABLE NOZZLE TIP OF AN INJECTION MOLDING APPARATUS

ABSTRACT OF THE DISCLOSURE

A two-piece transfer seal for coupling a nozzle tip to a nozzle of an injection molding apparatus includes a retaining member removably connected to a downstream end of the nozzle and a removably connected nozzle sealing member. The retaining member is comprised of a first material and at least the sealing face of the sealing member is comprised of a second material. In certain applications, the nozzle sealing member is a mold gate insert. In certain applications, the two-piece transfer seal does not retain the nozzle tip, which is metallurgically bonded to the nozzle.